

81-#518-
9565

HOKO EXPLORATION LTD. (N.P.L.)
DRILLING REPORT
WESTMONT GROUP MINERAL CLAIMS
SLOCAN MINING DIVISION
APRIL 13, 1981

82 F / 14 W

49° 50 N 117° 18 W

Owner/Operator: HOKO EXPLORATION LTD

9565

HOKO EXPLORATION LTD. N.P.L.

BOX 11107 ROYAL CENTRE
1400 - 1055 WEST GEORGIA STREET
VANCOUVER, B.C. V6E 3P3

TELEPHONE (604) 685-9824

June 26, 1981

The Gold Commissioner
Ministry of Mines and Petroleum Resources
Vancouver, B.C.

Dear Sir:

Please find enclosed herewith our report of assessment work performed on the Westmont Group of claims in the Slocan Mining Division during the current year.

The Westmont group are being jointly developed underground by Alto Exploration Ltd. (N.P.L.) and Hoko Exploration Ltd. (N.P.L.) as a joint venture.

The work being filed as assessment work, consists of 666 metres of diamond core drilling AX (1 3/16") size. The core is stored in the core storage building near the portal of the 5th level adit.

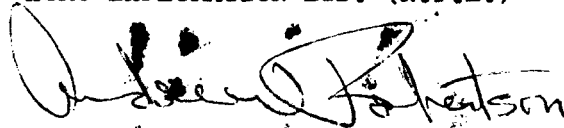
The drilling as well as the underground development has been performed under my direction with Eric A. Shaede, Ph.D., as resident manager. The assaying of core has been done by Kamloops Testing and General Testing of Vancouver.

Full records of all work performed at the property are maintained at the Company's office at Suite 1400-1055 West Georgia Street, Vancouver.

The purpose of the drilling was to explore for possible mineral occurrences and/or shear zones, parallel to the main drive north on the 5th level. The drilling indicates two such zones within 75 metres.

Yours very truly,

HOKO EXPLORATION LTD. (N.P.L.)



Andrew Robertson, Eng. (Que.)
President

AR:jc
Enclosure

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SUMMARY OF DRILLING

Drilling 666 m. of AX 1 3/16" core drilling.

<u>HOLE #</u>	
81 - 1	64 m.
2	61 m.
3	74 m.
4	73 m.
5	73 m.
6	65 m.
7	57 m.
8	41 m.
9	3 m.
10	11 m.
11	4 m.
12	89 m.
13	<u>51 m.</u>
	666 m.
	<hr/>

See Appendix C for copies of drill logs.

ITEMIZED COST STATEMENT

Mike Chernoff, Contractor
Box 252
Salmon, B.C. VOG 120

INVOICE

January	30, 1981	\$4,052.00	
February	16	1,071.15	
	27	1,401.50	
March	13	4,182.00	
	31	4,992.00	
April	13	<u>3,158.64</u>	\$18,857.29

Apex Equipment Company B.C. Limited

INVOICE

20745	\$1,144.07	
60	1,469.75	
66	1,647.70	
67	<u>(1,524.68)</u>	<u>2,736.84</u>
		<u>\$21,594.13</u>

See Appendix A for copies of invoices.

QUALIFICATIONS

Author: A. Robertson, P.Eng. (Quebec); C.I.N.M.

Note logged by: Eric A. Shaefer, Ph.D. (Chemistry); several years experience in mineral exploration industry.

Overall supervisor and consultant:

Ted. Cryderman, geologist.

9565

Jan 27 1981
9 hrs drilling
1 hr Traveling
20 ft Bonous

315.00
16.00
40.00

Jan 28, 1981
9 hrs drilling
1 hr Traveling
20 ft Bonous

315.00
16.00
40.00

Jan 29 1981
10 hrs drilling
1 hr. Traveling
50 ft Bonous

350.00
16.00
100.00

Jan 30 1981
9 hrs drilling
1 hr Traveling
28 ft Bonous

467

315.00
16.00
56.00

~~50 ft WEAR ON 26 x 0 ft. AX ...~~
~~... 54.00 ... 1900.00 ... 4200.00~~

\$4052.00

TOTAL ~~4475.00~~

RECEIVED
JAN 30 1981
ALTO

ALTO EXPLORATION LTD. (NPL)
P.O. BOX 115
SILVERTON, B.C. VOG 2B0
ALTO-HOKO JOINT VENTURE
WESTMONT PROJECT

TO ALTO EXPLORATION
Box 115
SILVERTON B. C.

MIKE CHERNOFF
CONTRACTOR
Box 252 SALMO B. C.
Vog-120.

Jan 16 1981

8 hrs drilling	280.00
1 hr setting up	16.00
1 hr traveling	16.00
5 ft Bonous	10.00

Jan 19 1981

10 hrs drilling	350.00
1 hr traveling	16.00
30 ft Bonous	60.00

Jan 20, 1981

9 hrs drilling	315.00
1 hr traveling	16.00
20 ft Bonous	40.00

Jan 21 1981

10 hrs drilling	350.00
1 hr traveling	16.00
30 ft Bonous	60.00

Jan 22 1981

9 hrs drilling	315.00
1 hr Traveling	16.00
20 ft Bonous	40.00

Jan 23 1981

5 hrs drilling	175.00
1 hr traveling	16.00
11 ft Bonous	22.00

Jan 26, 1981

8 hrs drilling	280.00
1 hr Traveling	16.00
16 Bonous	32.00

TO ALTO EXPLORATION LTD.
P.O. BOX 115 SILVERTON B.C.
VOG - 280

MIKE CHEKNOFF
CONTRACTOR.
Box 252 SALMO B.C.
VOG - 120
Feb 16, 1981

Feb 2, 1981	
9 hrs drilling	315.00
1 hr Traveling	16.00
20 ft Bonuses	40.00

Feb 3 1981	350.00
10 hrs drilling	16.00
1 hr. Traveling	60.00
30 ft. Bonuses	

Feb. 4 1981	
8 hrs drilling	280.00
1 hr. Traveling	16.00
11 ft. Bonuses	22.00

TOTAL \$ 1115.00

RECEIVED
FEB 21 1981

ALTO EXPLORATION LTD. (INCL.)
P.O. BOX 115
SILVERTON, B.C. VOG 280

TOTAL \$ 1115.00
+ LICENSE REST. 59287 \$ 6.80
- PHONE CALLS PAID BY CO. \$ 50.65
NET PAYABLE = \$ 1071.15

all ✓

TO ALTO EXPLORATION L.T.D.
P.O. BOX 115 SILVERTON B.C.
VOG-280

MIKE CHERNOFF
CONTRACTOR
Box 252
SALMO B.C.
VOG 120
Feb. 27. 1981

Feb. 23. 1981	
8 hrs drilling	\$ 280.00
1 hr Dravelling	16.00
10 ft. Bonus	20.00

Feb. 24. 1981	
9 hrs drilling	\$ 315.00
1 hr Dravelling	16.00
20 ft Bonus	40.00

Feb. 25. 1981	
9 hrs drilling	\$ 315.00
1 hr Dravelling	16.00
20 ft Bonus	40.00

Feb. 26. 1981.	
8½ hrs drilling	\$ 297.50
1 hr Dravelling	16.00
15 ft Bonus.	30.00

TOTAL \$ 1401.50

RECEIVED
MAR 1 1981
ALTO EXPLORATION LTD. (NPL)
P.O. BOX 115
SILVERTON, B.C. VOG 280

March 11 1981
10 hrs drilling;
1 hr Traveling
30 ft Bonus.

350.00
16.00
60.00

March 12 1981
9 hrs drilling;
1 hr Traveling
20 ft Bonus.

315.00
16.00
40.00

March 13 1981
10 hrs drilling
1 hr Traveling
31 ft Bonus.

350.00
16.00
62.00

TOTAL 4182.00 ✓

(Cash advance cheque #104)
from Hobo New Denver Ltd

Less Advance

\$ 200.00

m Trust
ck 104 ✓

\$ 3982.00 ✓

483

RECEIVED
MAR 15 1981

ALTO EXPLORATION LTD. (NPL)
P.O. BOX 115
SILVERTON, B.C. VOG 2B0

496 feet drilled = \$8.43 per foot.

PAID
293
CHECK No.
DATE MAR 20 1981

To ALTO EXPLORAT. V.L.T.D.
P.O. Box 115 SILVERTON B.C.

103-280

MIKE CHERNOFF
CONTRACTOR. BOX 252
SALMO B.C. V09. 120.

MARCH 2 1981

10 hrs drilling	350.00
1 hr Traveling	16.00
35 ft Bonous	70.00

March 3 1981

10 hrs drilling	350.00
1 hr. Traveling	16.00
30 ft Bonous	60.00

March 4 1981

10 hrs drilling	350.00
1 hr. Traveling	16.00
30 ft Bonous	60.00

March 5 1981

9 hrs drilling	315.00
1 hr. traveling	16.00
20 ft Bonous	40.00

March 6 1981

10 hrs drilling	350.00
1 hr traveling	16.00
40 ft Bonous	80.00

March 9 1981

10 hrs drilling	350.00
1 hr. Traveling	16.00
30 ft Bonous	60.00

March 10 1981

10 hrs drilling	350.00
1 hr. Traveling	16.00
30 ft Bonous	60.00

March 25, 1981
 10 hrs drilling 350.00
 1 hr Traveling 16.00
 30 ft Bonous. 60.00 ✓

March 26 1981
 9 hrs drilling 315.00
 1 hr Traveling 16.00
 20 ft Bonous. 40.00 ✓

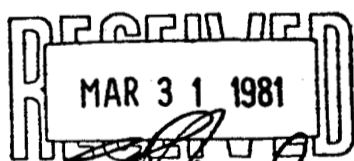
March 27 1981
 9 hrs drilling 315.00
 1 hr Traveling 16.00 ✓
 20 ft Bonous. 40.00

March 30 1981
 8 hrs drilling 280.00 ✓
 1 hr Traveling 16.00
 10 ft Bonous. 20.00

March 31 1981
 10 hrs drilling 350.00
 1 hr Traveling 16.00
 30 ft Bonous. 60.00

TOTAL

4992.00 ✓
 4



ALTO-HOKO JOINT VENTURE

ALTO EXPLORATION LTD. (NPL)
 P.O. BOX 115
 SILVERTON, B.C. V0G 2B0

610 FEET DRILLED = \$ 8.18/foot.

TO ALTO EXPLORATION LTD.
P.O. BOX 115 SILVERTON B.C.
V03-280

3062

MIK CHETNOT.
CONTRACTOR BOX 252
SALMO B.C. V09-120.

MARCH 16 1981

10 hrs drilling	350.00
1 hr Traveling	16.00
40 ft Bonous.	80.00

MARCH 17 1981

10 hrs drilling	350.00
1 hr Traveling	16.00
30 ft Bonous.	60.00

march 18 1981

10 hrs drilling	350.00
1 hr Traveling	16.00
40 ft Bonous.	80.00

march 19 1981

13 hrs drilling	455.00
1 hr traveling	16.00
90 ft Bonous.	180.00

march 20 1981

10 hrs drilling	350.00
1 hr Traveling	16.00
30 ft Bonous.	60.00

march 23 1981

8 hrs drilling	280.00
1 hr Traveling	16.00
10 ft Bonous.	20.00

march 24 1981

9 hrs drilling	315.00
1 hr Traveling	16.00
20 ft Bonous.	40.00

APR 1981

April 13 1981
morning out 4 hrs.

64.00 ✓

SUB-TOTAL

\$ 3351.00 ✓

+ EX BIT + SHELL - STARTING HOLES
+ GREASE
+ MEALS - PAID CASH

223.50
38.16
34.05

SUB-TOTAL

\$ 3646.71 ✓

LESS 40 LITRES KUTWELL @ 80¢/litre. 32.00
LESS 1- AW CASING SHOE - NEW @ COST. 160.00
LESS 2- ARIC BITS (#809, 8824) USED 150.00
LESS 2- ARIC REAMING SHELLS (#9563, 9259) USED 50.00
LESS TELEPHONE CHARGES TO BE PAID BY ^{ALTO} ~~ALTO~~ HOTEL. 96.07
AT WUCERNE MOTEL (CHARGES REISED BY WUCERNE)

\$ 3158.64 ✓

TOTAL

~~3297.00~~
SJS

503

RECEIVED
APR 13 1981
ALTO EXPLORATION LTD. (NPL)
P.O. BOX 115
SILVERTON, B.C. V0G 2B0

FINAL INVOICE
DRILLING @ WESTMONT
SJS

380 FEET DRILLED #8.82/foot.

PAID
CH# 310
DATE APR 23 1981

Q

To ALTO EXPLORATION LTD.
P.O. BOX 115 SILVERTON BC
V03-280

MIKE CHERNOFF
CONTRACTOR BOX 252
SALMO B.C. V09-120

APRIL 1 1981

13 hrs drilling	455.00
1 hr Traveling	16.00
60 ft Bonous.	120.00 ✓

APRIL 2 1981

13 hrs drilling	455.00
1 hr. Traveling	16.00
40 ft Bonous.	80.00 ✓

april 3 1981

13 hrs drilling	455.00
1 hr. Traveling	16.00
29 ft Bonous.	58.00 ✓

april 7 1981

8 hrs drilling	280.00
1 hr Traveling	16.00
10 ft Bonous.	20.00 ✓

april 8 1981

10 hrs drilling	350.00
1 hr Traveling	16.00
30 ft Bonous.	60.00 ✓

april 9 1981

10 hrs drilling	350.00
1 hr Traveling	16.00
30 ft Bonous.	60.00 ✓

april 10 1981

10 hrs drilling	350.00
1 hr. traveling	16.00
41 ft Bonous.	82.00 ✓

APEX EQUIPMENT COMPANY B.C. LIMITED

1784 WEST GEORGIA STREET, VANCOUVER 5, B.C.

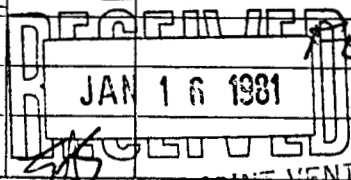
688-4586

No 20745

Put Up by	SHIP TO <u>Hoko EXPLORATION</u>	DEC. 8. 19 <u>80</u>
Checked by	ADDRESS <u>1107 - 1055 W. GEORGIA</u>	INVOICE TO <u>SAME</u>
SHIP VIA _____		

Customer's No.
Invoice No.

Back Order	Quantity Shipped	Quantity Ordered	Description	Price	Per	Total
ALTO-HOKO JOINT VENTURE	3	3	ONLY MINER LAMPS (W/HEAT)	121.30	EA	363.90
	3	3	- - SGL. CHARGER	78.44	EA	235.32
	200	200	FT. VENT PIPE (DUCK) (20")	134.90	LC	269.80
	2	2	ONLY - - COLLARS	14.42	EA	28.84
	1	1	- - TARP (18' x 20')			135.00
	2	2	DOZ GLOVES (12" LONG)	200	PAIR	67.20
ALTO JUMBO PROJECT	6	6	ONLY DRILL BITS AXK -100 SER.	233.50	EA	1402.80
	1	1	- - REAMING SHELL			247.20
	2	2	- - AXK CORE SPRINGS ADAPTER	21.68	EA	43.36
	4	4	- - - - - ONLY			29.00
	2	2	- - - - -			58.48
	100	100	- - CORE BOXES (AXT) (NO CHARGES)			-
2	2	- - EW ROD BOX	29.11	EA	59.57	
			TAX (9%) ON 1144.01			36.64
			4% PROV. TAX			116.75



ALTO-HOKO JOINT VENTURE = \$1144.01
4% PROV. TAX
Forward
TOTAL
\$ 3035.38

APEX EQUIPMENT COMPANY B.C. LIMITED

1784 WEST GEORGIA STREET, VANCOUVER 5, B.C.

688-4586

No 20766

Put Up by	SHIP TO <u>MAR. 11.</u> <u>HOKO EXPLORATION</u>	19 <u>81</u>
Checked by	ADDRESS <u>11107 - 1055 W. GEORGIA</u>	
	SHIP VIA _____ INVOICE TO <u>SAME</u>	

Customer's No.
Invoice No.

Back Ordered	Quantity Shipped	Quantity Ordered	Description	Price	Per	
	6	6	ONLY AXK BITS (100 SER)	233.80	EA	1402.80
	2	2	4 - CORE SPRING (10")	7.25	EA	14.50
	2	2	4 - EW DRILL ROD COUPL. (5 FT)	52.61	EA	105.22
						1522.52
(SUBJ. TO FED. TAX 354.60) 9% - FED. TAX						31.91
						1554.43
6% PROV. TAX						93.27
						1647.70
<div style="border: 2px solid black; padding: 5px; display: inline-block; margin: 10px;"> <p style="margin: 0;">RECEIVED</p> <p style="margin: 0; font-size: 1.2em;">MAR 30 1981</p> </div> <p style="margin-top: 10px;">ALTO-HOKO JOINT VENTURE</p>						
Forward						

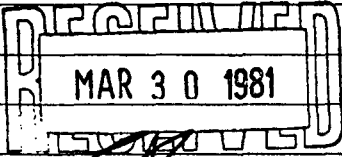
APEX EQUIPMENT COMPANY B.C. LIMITED

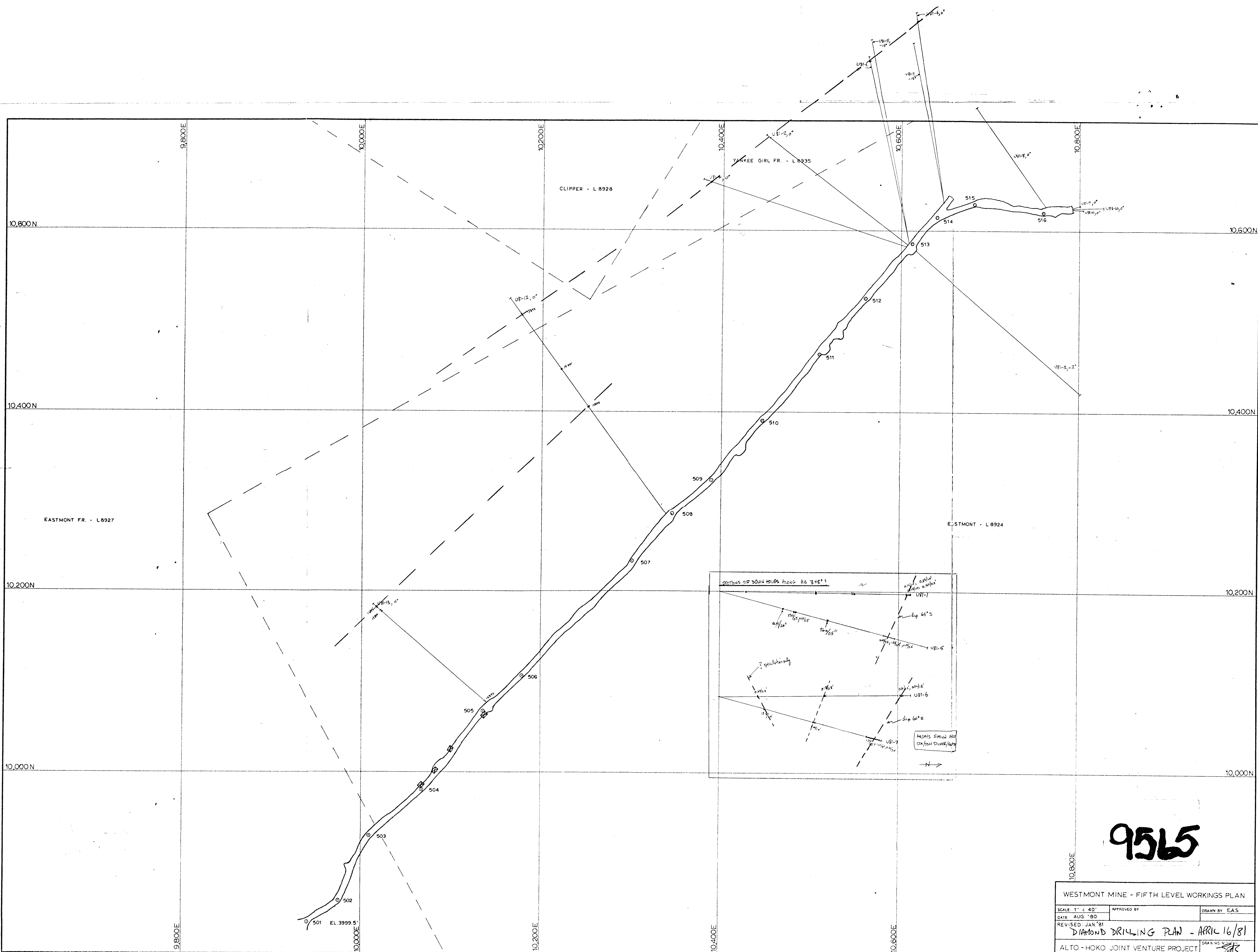
1784 WEST GEORGIA STREET, VANCOUVER 5, B.C.

688-4586

No 20767

Put Up by	SHIP TO <u>HOKO EXPLORATION -</u>		MAR. 11, 19 <u>81</u>	Customer's No.
Checked by	ADDRESS <u>11107 - 1055 W, GEORGIA -</u>			Invoice No.
	SHIP VIA _____	INVOICE TO <u>SAME -</u>		

Back Ordered	Quantity Shipped	Quantity Ordered		Price	Per
			CREDIT NOTE!		
			SEE - CREDIT NOTE TO APEX =		
		#	CR 22-1-81		480 46
		#	CR 1-2-81		240 65
		#	CR 29-2-81		753 57
				\$ -	1524 68
					
			<p>Paul, I need to see the credit notes from J.K. Smit to see which bits gave these credits. Some of the credit is due to Alts for the Jumbo drilling and some is due to the Joint Venture.</p>		
					Eric S
				Forward	



9565

WESTMONT MINE - FIFTH LEVEL WORKINGS PLAN		
SCALE 1" = 40'	APPROVED BY	DRAWN BY E.A.S.
DATE AUG '80		
REVISED JAN '81	DIAMOND DRILLING PLAN - APRIL 16/81	
ALTO - HOKO JOINT VENTURE PROJECT		DRAWN BY [Signature]

DIAMOND DRILL RECORD

PROPERTY WESTMONT

HOLE NO. U81-1

SHEET NUMBER 1

SECTION FROM _____ TO _____

STARTED January 16, 1981

LATITUDE 10,587.1 N

DATUM _____

COMPLETED January 21, 1981

DEPARTURE 10,608.7 E

BEARING AZIMUTH: 347° 14'

ULTIMATE DEPTH 65 m. 213

ELEVATION 4,003.4' 1220 m.

DIP - 0.5° approx.

PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD	AG.			
0-28.5	Porphyritic granite (P.G.) Mainly greenish in color with variations in color and texture. Considerable hematite in fractures and some fine stringers of carbonate							
28.5-29.5	Sheared zone with some white quartz cutting at small angle to core axis	15804	1.0'	0.002	trace			
29.5-106	P.G.							
106-106.5	Strong slickenside at about 45° to core axis with some mud, green rock and quartz. No visible mineralization.							
106.5-111	P.G.							
111-114.6	Mafic dyke with patches of granite							
114.6-146.4	P.G.-solid and greenish in color with a little hematite and occasional narrow quartz-carbonate stringers							

9566

DIAMOND DRILL RECORD

PROPERTY WESTMONT HOLE NO. U81-1

SHEET NUMBER 2 SECTION FROM _____ TO _____ STARTED January 16, 1981
 LATITUDE 10,587.1 N DATUM _____ COMPLETED January 21, 1981
 DEPARTURE 10,608.7 E BEARING AZIMUTH: 347° 14' ULTIMATE DEPTH 65 m.
 ELEVATION 4,003.4' 1220 m. DIP -0.5° approx. PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD	A.G.		
146.4-147	Minor shear zone with slickenside and green coloration to granite						
147-148.4	Porphyritic granite (P.G.)						
148.4-149.3	Shear zone with narrow bands of quartz and green alteration of granite. Slickensides but no visible mineralization except hematite						
149.3-172.2	P.G.-except 1/2" barren quartz stringer with slickenside at 165'						
172.2-183	P.G.-dark green coloration. Some quartz stringers and some evidence of shearing-slickensides. No visible mineralization						
183-186	P.G.-grey-orange coloration						
186-187	Sheared zone-green coloration						
187-192	P.G.-grey-orange coloration						

DIAMOND DRILL RECORD

PROPERTY WESTMONT

HOLE NO. U81-1

SHEET NUMBER 3

SECTION FROM _____ TO _____

STARTED January 16, 1981

LATITUDE 10,587.1 N

DATUM _____

COMPLETED January 21, 1981

DEPARTURE 10,608.7 E

BEARING AZIMUTH: 347° 14'

ULTIMATE DEPTH 65 m.

ELEVATION 4,003.4' 1220 m.

DIP -0.5°

PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD	AG.	PB.#	ZN.
192-193	Porphyritic granite (P.G.) green color and broken core						
193-207	P.G. - grey color						
207-208	Fine grained green silicious rock with some pyrite flecks	15809	1.0'	0.002	0.12	0.08	0.09
208-209	Quartz with pyrite and galena. Core broken and some lost?	15810	1.0'	0.005	69.08	0.57	2.82
209-210	Fine grained green silicious rock with some pyrite flecks	15811	1.0'	0.002	0.28	0.02	0.05
210-212	P.G.						
212-212.2	Fine grained green silicious rock with some pyrite and hematite in quartz	15812	0.2'	0.008	0.50	0.04	0.05
212.2-213	P.G.						
E.O.H.							

DIAMOND DRILL RECORD

PROPERTY WESTMONT

HOLE NO. U81-2

SHEET NUMBER 1 SECTION FROM _____ TO _____ STARTED January 22, 1981
 LATITUDE 10,584.1 N DATUM _____ COMPLETED January 26, 1981
 DEPARTURE 10,606.4 E BEARING AZIMUTH: 307° 24' ULTIMATE DEPTH 199.0' 61 m.
 ELEVATION 4,003.4' 1220 m. DIP -1.0° approx. PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD	AG.
0-16	Porphyritic granite (P.G.) with considerable hematite in fractures				
16-17	Altered zone-some shearing?-considerable hematite				
17-59	P.G. with considerable hematite and stringers of milky quartz-carbonate, Green coloration to granite				
59-61	Altered zone containing 6" of pink felsic rock with carbonate stringers. Rest is green altered granite with some evidence of shearing				
61-155	P.G. greenish in color with hematite to about 100' and then changing to grey color with less hematite				
155-160	Felsite dyke with a section of sheared green rock cutting at angle to core axis				
160-193	P.G. greenish color with some hematite				

DIAMOND DRILL RECORD

PROPERTY WESTMONT

HOLE NO. U81-3

SHEET NUMBER 1

SECTION FROM _____ TO _____

STARTED January 27, 1981

LATITUDE 10,579.1 N

DATUM _____

COMPLETED March 1, 1981

DEPARTURE 10,614.4 E

BEARING AZIMUTH: 230° 9'

ULTIMATE DEPTH 244.0' 74 m.

ELEVATION 4,003.3' 1220 m.

DIP - 2.2° approx.

PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD	AG.		
0-2	Porphyritic granite (P.G.)						
2-7	Mafic dyke (lamprophyre?)						
7-28	P.G. with relatively little hematite. 2" wide mafic dykes at 13' and 15'						
28-30.1	Altered zone - granite reddish orange color.						
	28.3 - 1/4" quartz carbonate stringer						
	28.7 - 1/4" quartz carbonate stringer						
	29.2-29.5 mud shear and barren quartz carbonate	158.31	0.3'	trace	trace		
	30.1 - 1/4" quartz carbonate stringer						
30.1-59	P.G. with relatively little hematite						
	41.0-1/4" quartz carbonate stringer-barren						
	41.3-1/4" quartz carbonate stringer-barren						
	42.1-1/8" quartz carbonate stringer-barren						
59-62	Mafic dyke (lamprophyre?) contacts at small angle to axis						

DIAMOND DRILL RECORD

PROPERTY WESTMONT

HOLE NO. U81-3

SHEET NUMBER 2

SECTION FROM _____ TO _____

STARTED January 27, 1981

LATITUDE 10,579.1 N

DATUM _____

COMPLETED March 1, 1981

DEPARTURE 10,614.4 E

BEARING AZIMUTH: 230 ° 9'

ULTIMATE DEPTH 74 m.

ELEVATION 4,003.3 1220 m.

DIP - 2.2° approx.

PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD	AG.
62-80.8	P.G. with variations in color and texture and a few fine quartz carbonate stringers				
80.8-85.3	Mafic dyke with contacts at about 45° to core axis				
85.3-86.7	Porphyritic granite (P.G.)				
86.7-87.0	Mafic dyke				
87-127	P.G.				
96.3-96.5	- minor shear zone-granite altered to orange color on either side				
102.2	- 1/4" quartz carbonate stringer with granite altered to greenish color on either side				
127-136	Mafic dyke with contacts at about 70° to core axis				
136-151	P.G. with variations in color and texture				

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DIAMOND DRILL RECORD

PROPERTY WESTMONT

HOLE NO. U81-3

SHEET NUMBER 3

SECTION FROM _____ TO _____

STARTED January 27, 1981

LATITUDE 10,579.1 N

DATUM _____

COMPLETED March 1, 1981

DEPARTURE 10,614.4 E

BEARING AZIMUTH: 230° 9'

ULTIMATE DEPTH 74 m.

ELEVATION 4,003.3' 1220 m.

DIP 2.2°

PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD	AG.
151-172	Granite-non porphyritic and porphyritic sections intermixed.				
172-175.5	Mafic dyke with contacts at about 45° to core axis				
175.5-188.6	Granite as 151-172				
188.6-191.2	Felsite dyke? or highly altered granite.				
191.2-204	Granite as 151-172				
204-205	Mafic dyke-no distinct contact as core badly broken				
205-244	Porphyritic granite (P.G.) with increasing hematite content minor quartz carbonate stringers at 229' and 240'				
E.O.H.					

DIAMOND DRILL RECORD

PROPERTY WESTMONT

HOLE NO. U81-4

SHEET NUMBER 1

SECTION FROM _____ TO _____

STARTED January 27, 1981

LATITUDE 10,582.7 N

DATUM _____

COMPLETED February 5, 1981

DEPARTURE 10,605.3 E

BEARING AZIMUTH: 287° 52'

ULTIMATE DEPTH 73 m.

ELEVATION 4,003.4' 1220 m.

DIP +0.1° approx.

PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD	AG.			
0-13	Porphyritic granite (P.G.)-greenish in color with considerable hematite							
13-16	Altered zone-sheared pink felsic rock with mudseams and some quartz but no visible mineralization except hematite	15805	1.0'	0.002	trace			
16-38	P.G.-greenish with hematite in fractures and stringers of quartz carbonate. Some sections mostly pink feldspar ?							
38-47.5	P.G.-little or no hematite							
47.5-48.5	Altered zone with broken core. Mostly green rock with some quartz. Slickenside indicates shearing	15806	1.0'	0.002	trace			
48.5-91.5	P. G. with some hematite							
91.5-92.5	Altered zone-sheared green rock with about 4" of mud and some quartz	15807	1.0'	0.002	trace			
92.5-112	P.G. with no hematite and solid core							

DIAMOND DRILL RECORD

PROPERTY WESTMONT HOLE NO. U81-4

SHEET NUMBER 2 SECTION FROM _____ TO _____ STARTED January 27, 1981
 LATITUDE 10,582.7 N DATUM _____ COMPLETED February 5, 1981
 DEPARTURE 10,605.3 E BEARING AZIMUTH: 287° 52' ULTIMATE DEPTH 238.0' 73 m.
 ELEVATION 4,003.4' 1220 m. DIP +0.1° approx. PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD	AG.
112-113	Porphyritic granite (P.G.) with increasing feldspar content				
113-113.5	6" of sheared green rock cutting at about 45° to core axis	15808	0.5'	0.008	0.10
113.5-115.5	Felsic rock with fine stringers of greenish material and quartz				
115.5-229	P.G. with very little hematite and consistent color and texture				
229-232	Sheared green rock with some quartz stringers. No visible mineralization				
232-238	P.G.				
E.O.H.					

DIAMOND DRILL RECORD

PROPERTY _____

WESTMONT

HOLE NO. U81-5

SHEET NUMBER 1

SECTION FROM _____ TO _____

STARTED February 5, 1981

LATITUDE 10,586.9 N

DATUM _____

COMPLETED February 11, 1981

DEPARTURE 10,608.8 E

BEARING AZIMUTH: 348° 44'

ULTIMATE DEPTH 244.0' 74 m.

ELEVATION 4,002.2' 1220¹/_{m.} 70

DIP -14.85° approx.

PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD	AG.		
0-2	Porphyritic granite (P.G.) altered with green color= some hematite						
2-26	Mixture of altered granite and felsic rock						
26-32.4	P.G.						
32.4-34	Sheared felsic rock with hematite						
34-37.5	Altered P.G.-greenish color-with a lot of hematite in streaks						
37.5-72	P.G. with quartz carbonate stringers and hematite in fractures. Also a few narrow bands of mafic rock						
72-73	Shear zone with altered granite and greenish rock - a little fine pyrite and possibly some galena	15832	1.0'	0.006	0.41		
73-85.6	P.G. with variations in color and texture						

DIAMOND DRILL RECORD

PROPERTY WESTMONT HOLE NO. U81-5

SHEET NUMBER 2 SECTION FROM _____ TO _____ STARTED February 5, 1981
 LATITUDE 10,586.9 N DATUM _____ COMPLETED February 11, 1981
 DEPARTURE 10,608.8 E BEARING AZIMUTH: 348° 44' ULTIMATE DEPTH 74 m.
 ELEVATION 4,002.2' 1220 m. DIP -14.85° approx. PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD	AG.	PB.	ZN.
85.6-86.5	Sheared green rock with a 1" wide band of mineralized quartz cutting at about 45° to core axis	15813	1.0'	0.002	39.47	0.60	0.95
86.5-88.2	Sheared green rock with no visible mineralization	15814	1.7'	0.002	0.43	0.05	0.13
87-95	Porphyritic granite (P.G.)						
95-97	Felsite dyke						
97-117.6	P.G.						
117.6-123.5	Mafic dyke with inclusion of feldspar ?						
123.5-124.0	Quartz vein with pyrite-slickensides visible	15833	0.5'	trace	trace		
124-125.8	P.G.						
125.8-127.2	Mafic dyke (lamprophyre?) contact at 45° to core axis						
127.2-132.2	P.G.						

DIAMOND DRILL RECORD

PROPERTY WESTMONT

HOLE NO. U81-5

SHEET NUMBER 3

SECTION FROM _____ TO _____

STARTED February 5, 1981

LATITUDE 10,586.9 N

DATUM _____

COMPLETED February 11, 1981

DEPARTURE 10,608.8 E

BEARING AZIMUTH: 348° 44'

ULTIMATE DEPTH 74 m.

ELEVATION 4,002.2' 1220 m.

DIP -14.85°

PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD	AG.	PB.	ZN.
132.2-139	Mixture of mafic and granitic rocks. Some pyrite at 134'						
139-144	Mafic dyke-contact indistinct						
144-159.3	Porphyritic granite (P.G.)						
159.3-184	Mafic dyke-contact about 20-30° to core axis. Narrow quartz-carbonate stringers						
184-186.8	P.G.						
186.8-187.4	Shear zone with greenish rock, quartz and mudseam. No visible mineralization						
187.4-188.6	P.G.						
188.6-194	Fine grained dark green rock with fine quartz-carbonate stringers. Some hematite	15815	6.4'	0.002	0.05	0.04	0.13

DIAMOND DRILL RECORD

PROPERTY WESTMONT

HOLE NO. U81-5

SHEET NUMBER 4

SECTION FROM _____ TO _____

STARTED February 5, 1981

LATITUDE 10,586.9 N

DATUM _____

COMPLETED February 11, 1981

DEPARTURE 10,608.8 E

BEARING AZIMUTH: 348° 44'

ULTIMATE DEPTH 74 m.

ELEVATION 4,002.2 ' 1220 m.

DIP -14.85° approx.

PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD	AG.	PB.	ZN.	F.
194-198	Broken core-some probably lost. 3.5' sampled.							
	Quartz-carbonate vein material with some pale green fluorite ?. Some pyrite crystals.	15816	3.5'	0.002	0.05			0.26
198-198.5	Fair pyrite and galena? in vein about 1" wide.							
	Slickensides at 45° to core axis	15817	0.5'	0.002	1.61	0.06	0.09	
198.5-201	Broken core-some lost? Sheared rock with some bands of barren quartz. No visible mineralization	15818	2.5'	0.002	0.05			
201-203	Green colored porphyritic granite (P.G.)							
203-244	P.G. except 5" felsite at 220.0 and 224.5							
E.O.H.								

DIAMOND DRILL RECORD

PROPERTY

WESTMONT

HOLE NO.

U81-6

SHEET NUMBER 1

SECTION FROM _____ TO _____

STARTED March 13, 1981

LATITUDE 10,631.4 N

DATUM _____

COMPLETED March 17, 1981

DEPARTURE 10,647.1 E

BEARING AZIMUTH: 351° 19'

ULTIMATE DEPTH 65 m.

ELEVATION 4,003.7' 1220 m.

DIP +0.6°

PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD	AG.	PB.	ZN.
0- 8	Felsite dykes						
8-14	Mixture of felsic and granitic rocks						
14-25	Porphyritic granite (P.G. 1" mudseam at 20.5'						
25-30.5	Altered zone-bleached and some shearing of granite - pale yellow color with ^{lots} of hematite						
30.5-42.1	P.G.						
42.1-42.7	Sheared green rock with some pyrite	15819	0.6'	trace	0.63		
42.7-43.5	Felsite dyke with some hematite						
43.5-117.5	P.G.-variations in color and texture. $\frac{1}{2}$ " of sheared rock at 53'						
117.5-118.3	Sheared zone with a little galena visible. Slickenside at 118.3 at 45° to core axis	15820	0.8'	trace	2.18	0.16	0.15

DIAMOND DRILL RECORD

PROPERTY WESTMONT

HOLE NO. U81-6

SHEET NUMBER 2

SECTION FROM _____ TO _____

STARTED March 13, 1981

LATITUDE 10,631.4 N

DATUM _____

COMPLETED March 17, 1981

DEPARTURE 10,647.1 E

BEARING AZIMUTH: 351° 19'

ULTIMATE DEPTH 65 m.

ELEVATION 4,003.7' 1220 m.

DIP +0.6°

PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD	AG.	PB.	ZN.
118.3-120.6	Altered zone-green coloration. Some shearing						
120.6-148.5	Porphyritic granite (P.G.)						
148.5-154	Badly broken core. Some evidence of shearing. Strong slickenside nearly parallel to core axis with some calcite.						
	@ 152' - 0.5' of quartz carbonate cutting at about 30° to core axis with specular hematite	15821	0.5'	trace	0.07		
154-165	P.G.						
165-166.5	Bands of fine grained dark green rock and some evidence of shearing						
166.5-179.5	P.G.						
179.5-180	Felsite dyke						
180-182.3	P.G.						

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DIAMOND DRILL RECORD

PROPERTY WESTMONT

HOLE NO. U81-6

SHEET NUMBER 3

SECTION FROM _____ TO _____

STARTED March 13, 1981

LATITUDE 10,631.4 N

DATUM _____

COMPLETED March 17, 1981

DEPARTURE 10,647.1 E

BEARING AZIMUTH: 351° 19'

ULTIMATE DEPTH 65 m.

ELEVATION 4,003.7' 1220 m.

DIP +0.6°

PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD	AG.	PB.	ZN.
182.3-183.3	Sheared zone-green silicious rock with narrow band of quartz-carbonate with specular hematite and pyrite	15822		trace	0.08		
183.3-187	Porphyritic granite (P.G.)						
187-188	Green coloration with strong slickenside at 187.5 at 45° to core axis. No visible mineralization						
188-201.9	P.G.-with narrow felsite dykes at 193' and 194'						
201.9-203.1	3" of good mineralization-unidentified dark mineral with pyrite crystals. Rest is barren quartz-carbonate vein material	15823	0.25'	0.003	0.31	0.04	0.05
203.1-204.6	Broken core-mainly quartz with some fine grey mineral	15824	1.5'	0.002	0.52	0.06	0.06
204.6-208.5	P.G.						
208.5-209.7	Altered zone-1" of quartz-carbonate at 208.6 and 0.5" at 209.6. No visible mineralization						
209.7-214	P.G.						

DIAMOND DRILL RECORD

PROPERTY WESTMONT

HOLE NO. U81-7

SHEET NUMBER 1

SECTION FROM _____ TO _____

STARTED March 18, 1981

LATITUDE 10,630.6 N

DATUM _____

COMPLETED March 21, 1981

DEPARTURE 10,646.8 E

BEARING AZIMUTH: 348° 29'

ULTIMATE DEPTH 187.0 57 m.

ELEVATION 4,002.6 ^{1220 m} 1220 m.

DIP -14.6° approx.

PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD	AG.	PB.	ZN.
0-5.5	Felsite dyke						
5.5-14	Mixture of felsic and granitic rocks						
14-23	Felsite dyke						
23-29	Porphyritic granite (P.G.)						
29-30	Sheared zone-mainly felsic rock with hematite-some mud slips						
30-51.2	P.G.						
51.2-52.6	Sheared green rock with some quartz and galena and pyrite	15825	1.4'	0.001	12.18	0.56	0.88
52.6-52.9	Felsite dyke-partially sheared						
52.9-53.7	Altered P.G.						

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DIAMOND DRILL RECORD

PROPERTY WESTMONT

HOLE NO. U81-7

SHEET NUMBER 2

SECTION FROM _____ TO _____

STARTED March 18, 1981

LATITUDE 10,630.6 N

DATUM _____

COMPLETED March 21, 1981

DEPARTURE 10,646.8 E

BEARING AZIMUTH: 348° 29'

ULTIMATE DEPTH 187.0 57 m.

ELEVATION 4,002.6' 1220 m.

DIP -14.6° approx.

PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD	AG.	PB.	ZN.
53.7-54.8	Sheared green rock with traces of pyrite and galena and hematite	15826	1.1'	trace	0.33	0.04	0.13
54.8-108.5	Porphyritic granite (P.G.)						
108.5-110.3	1" wide mudseam at 108.5. Green alteration and shearing						
110.3-111.3	Sheared rock with slickenside at 9-° to core axis	15827	1.0'	trace	0.09		
111.3-114.5	P.G.						
114.5-117.5	Shear zone with green coloration but no visible mineralization						
117.5-150	P.G.						
150-151.5	Altered zone-broken core. No visible mineralization						
151.5-170.5	P.G.						

DIAMOND DRILL RECORD

PROPERTY WESTMONT HOLE NO. U81-8

SHEET NUMBER 1 SECTION FROM _____ TO _____ STARTED March 22, 1981
 LATITUDE 10,628.0 N DATUM _____ COMPLETED March 25, 1981
 DEPARTURE 10,763.1 E BEARING AZIMUTH: 325° 21' ULTIMATE DEPTH 134.0' 41 m.
 ELEVATION 4,004.6' 1221 m. DIP +0.3° approx. PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD	AG.
0-3.9	Porphyritic granite (P.G.)				
3.9-4.2	Mafic dyke cutting at about 70° to core axis				
4.2-15.8	P.G.-variations in color and texture-a few narrow mudseams and quartz-carbonate stringers				
15.8-19	Mixture of felsic and granitic rocks				
19-45.2	P.G. with occasional narrow quartz stringers				
45.2-47.8	Quartz-feldspar? dyke with traces of pyrite and garnet?. Sampled 45.4-47.4	15834	2.0'	trace	trace
47.8-50	P.G.				
50-68	P.G. but mud slips and variety of alterations				
68-79	Mostly pink felsic rock with some granite				
79-81.0	P.G.-greenish coloration with hematite in fractures				

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ERIC SHAEDE

CONTRACTOR: MIKE CHERNOFF

SIGNED

ERIC A. SHAEDE

DIAMOND DRILL RECORD

PROPERTY WESTMONT

HOLE NO. U81-8

SHEET NUMBER 2

SECTION FROM _____ TO _____

STARTED March 22, 1981

LATITUDE 10,628.0 N

DATUM _____

COMPLETED March 25, 1981

DEPARTURE 10,763.1 E

BEARING AZIMUTH: 325° 21'

ULTIMATE DEPTH 134.0' 41 m.

ELEVATION 4,004.6' 1221 m.

DIP +0.3° approx.

PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	AG.	AG.
81.0-81.5	Mafic dyke				
81.5-81.8	Felsic rock				
81.8-90	Porphyritic granite (P.G.)-greenish coloration with hematite in fractures				
90-101.5	P.G. with little or no hematite				
101.5-102	Felsic dyke				
102-106	P.G. with no hematite-grey color				
106-113.8	P.G.-green coloration with some hematite in fractures				
113.8-116	Altered zone. Some carbonate and hematite in fractures Pale pink color but P.G. structure intact				
116-123.2	P.G.-greenish color				
123.2-126.5	Same as 113.8-116 above				

DIAMOND DRILL RECORD

PROPERTY WESTMONT

HOLE NO. U81-12

SHEET NUMBER 1 SECTION FROM _____ TO _____ STARTED March 31, 1981
 LATITUDE 10,286.4 N DATUM _____ COMPLETED April 7, 1981
 DEPARTURE 10,339.5 E BEARING AZIMUTH: 324° 23' ULTIMATE DEPTH 89 m.
 ELEVATION 4,002.7' 1220 m. DIP 0° approx. PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD	AG.		
0-16	Porphyritic granite (P.G.) with a lot of hematite						
16-101.3	P.G. but with less hematite. Water in fracture 30-40' region-iron rust stains						
101.3-103.6	P.G. with a lot of hematite and several slickensides plus some quartz. No visible mineralization						
103.6-147	P.G. varying amounts of hematite						
147-148.5	Shear zone-some core lost. Greenish rock with traces of galena and pyrite. 0.9' of actual core recovered	15840					
148.5-151	P.G.-broken core						
151-151.3	Mafic dyke						
151.3-154	P.G.						
154-154.1	Mafic dyke						

DIAMOND DRILL RECORD

PROPERTY WESTMONT

HOLE NO. U81-13

SHEET NUMBER 1

SECTION FROM _____ TO _____

STARTED April 7, 1981

LATITUDE 10,077.5 N

DATUM _____

COMPLETED April 10, 1981

DEPARTURE 10,140.7 E

BEARING AZIMUTH: 310° 35'

ULTIMATE DEPTH 47 m.

ELEVATION 4,001.3' 1220 m.

DIP +0.2° approx.

PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD	AG.		
0 - 1	Porphyritic granite (P.G.)						
1 - 3	Green coloration with evidence of shearing and some pyrite	15843					
3 - 111	P.G. with varying amounts of hematite						
111-113.2	Mixture of mafic and granite rocks						
113.2-119	Mafic dyke						
119-121	Mixture of mafic and granite rock						
121-154	P.G. with some hematite in fractures						
154-154.2	Barren vuggy carbonate vein. Rust stains from water flow						
154.2-155.5	P.G.						

